Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 00:00 on Tuesday 20 Jul 2021 until 23:59 on Wednesday 21 Jul 2021

Forecast Issued on Monday 19 Jul 2021 at 15:53

Confidence: High confidence in high pressure dominating through much of the week before it becomes more unsettled from Friday and over the weekend, however confidence is moderate on this aspect of the forecast.

Headline for Tuesday 20 Jul 2021: Dry, fine and settled with very high UV levels, very small risk of an isolated shower later.

Mountain weather hazards on Tuesday 20 Jul 2021

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** No Likelihood
Thunderstorms Low Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** High Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Partly cloudy (night)	Partly cloudy (night)	Sunny intervals	Sunny	Sunny	Sunny intervals	Sunny	Clear night
Precipitation probability							
00%	00%	00%	00%	00%	10%	<05%	<05%

Forecast for Tuesday 20 Jul 2021

Weather: Dry and warm through the early hours with mostly clear skies, although a risk of scattered low cloud and mist first thing but this lifting quickly after dawn to leave another dry and sunny day. Temperatures rising quickly and feeling hot by the afternoon. Some cumulus cloud bubbling up by the afternoon but staying above all the summits. A small chance of an isolated shower, possibly with thunder developing during the afternoon. Otherwise, staying dry and clear into the evening and overnight period.

Chance of cloud free mountain/hill tops above 600m: 70% rising 100% shortly after sunrise.

Visibility: Locally poor with scattered low cloud with bases from 400-500m, however this will lift quickly. Otherwise very good with distant hills and landmarks easily visible. A slight heat haze during the afternoon, with this reducing the air clarity a little.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
(C) Crown Copyright 2021. All Rights Reserved

Mountain Weather Forecast

Forecast for Tuesday 20 Jul 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	3/5 NE	3/5 NW	3/5 N	5/8 NW	5/9 NW	8/12 NW	6/10 NW	4/9 NE	5/8 NE
300	4/5 NE	2/4 N	2/4 NE	2/5 NW	4/9 NW	8/13 W	5/9 W	4/8 NE	5/8 NE
Valley	4/6 E	2/4 E	1/3 E	2/5 W	5/9 W	7/13 W	5/9 SW	4/8 SE	3/6 NE

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	15/15	15/15	16/16	18/18	21/20	21/20	20/20	17/17	15/15
300	15/16	14/14	16/17	21/22	24/24	24/24	23/23	18/18	16/16
Valley	16/16	14/14	17/18	22/22	25/25	25/25	23/24	19/19	16/16
Freezing Level*	2900m	2800m	2800m	2900m	3000m	3000m	2900m	2900m	2900m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Another very warm day with very high UV levels which will give a high risk of sunburn, and the hot conditions will give a risk of dehydration and heat exhaustion. Remember sun protection and plenty of water if you are heading into the mountains.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Mon 19 Jul 2021	0mm	0mm	0mm

Forecast for Wednesday 21 Jul 2021

Weather: Dry and sunny during the morning and quickly becoming very warm or hot once again after the clearance of any scattered low cloud and valley mist first thing. Small amounts of cloud bubbling up during the afternoon and once again a small chance of a rogue shower developing with a risk of thunder, but most likely remaining dry.

Maximum wind: Variable or northwesterly 5-10 mph

Chance of cloud free mountain/hill tops above 600m: 100%

Visibility: Locally poor with a risk of some low cloud bases from 400-500m and in any valley mist first thing. Otherwise very good with distant hills and landmarks easily visible. A slight heat haze during the afternoon, with this reducing the air clarity a little.

Temperature: **Valleys:** Plus 15 Celsius rising to plus 30 Celsius.
At 600m: Plus 17 Celsius rising to plus 25 Celsius.
Freezing level: Well above the summits.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
(C) Crown Copyright 2021. All Rights Reserved